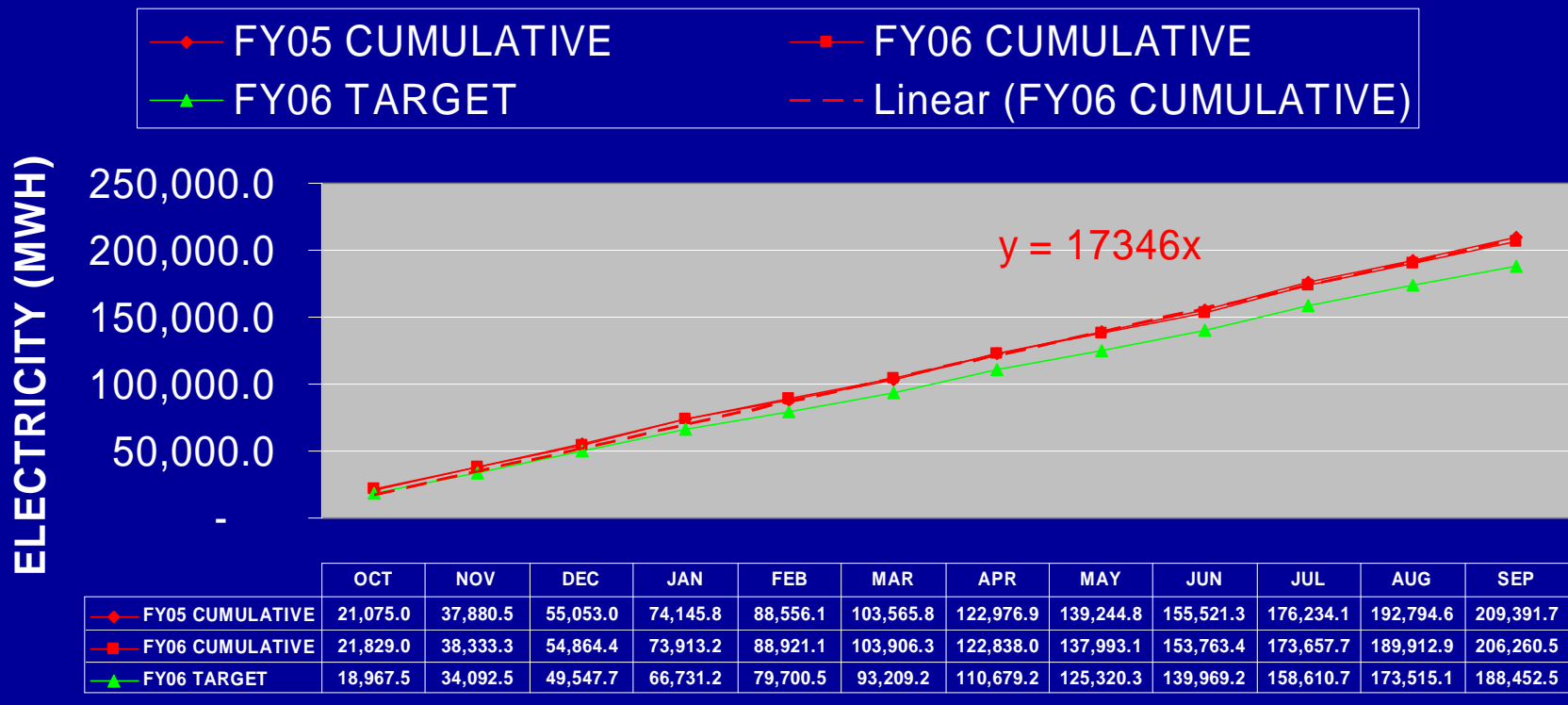


Navy Region Hawaii FY06 Recap

COMNAV REGION TOTAL



Hawaiian Electric Company



NAVFAC HI Energy Team – Current Activities

- Revised NRH Energy Instruction
- 100% BEM target (assigned, trained)
- A/C limited to 78°F from 10AM-3PM only
- Take Charge Hawaii energy behavior audit
- Executing Enhanced Energy Awareness Program (posters, placards, brochures, PSAs, HNN articles, etc.)
- Profile metering, AMR and TWACS
- Web-based energy data portal (incl. BEM and TCH data)
- Several projects underway (lighting retrofit, solar water heating, high-bay lighting replacement, street lighting, commissioning, ESPC Delivery Order 1, PEM fuel cell demo)



NAVFAC HI Energy Team – Upcoming Activities

- **70 Kilo-watt PV System, Building 166 (ECIP funded)**
- **Waterless Urinals (NAVFAC funded)**
- **300 Kilo-watt Molten Carbonate Fuel Cell Demonstration (PMRF – funded by Congress)**
- **2 New Energy Projects (high-bay lighting, solar window film – Region funded)**
- **Starting new ESPC Delivery Order for NAVFAC HI Utilities including District Cooling**
- **Technical/Technology training for Navy designers, planners, maintenance, facilities managers, etc.**



NAVFAC HI Energy Team - Challenges

- **Platinum Energy Award sets the bar higher!**
- **Cultural change is a resource-intensive, long-term effort.**
- **Navy Legal interpretation of utility rebates creates new challenges.**
- **Limited means of project execution despite Economy Act.**
- **Increase emphasis on energy not matched by increase of resources.**

